

Title (en)

Use of amine salts of maleamic acid as corrosion inhibitors of CO₂ and H₂S in water in oil emulsions.

Title (de)

Verwendung von Aminsalzen von Maleinamidsäuren als Inhibitoren gegen die Korrosion von CO₂ und H₂S in Wasser-in-Öl-Emulsionen.

Title (fr)

Utilisation de sels d'amines d'amide de l'acide maléique comme inhibiteur de corrosion de CO₂ et H₂S dans des émulsions eau dans l'huile.

Publication

EP 0106234 A1 19840425 (DE)

Application

EP 83109734 A 19830929

Priority

DE 3237109 A 19821007

Abstract (en)

1. The use of amine salts of maleamic acids of the formula I see diagramm : EP0106234,P5,F2 where R**1 and R**2 are identical or different and each denotes alkyl or alkenyl of 8 to 18 carbon atoms, and R**3 is hydrogen, alkyl of 1 to 18 carbon atoms or alkenyl of 2 to 18 carbon atoms, as agents for inhibiting the corrosion of metal brought about by H₂ S and CO₂ in water-in-oil emulsions, in admixture with amines of the formula II see diagramm : EP0106234,P5,F3 or amide acids of the formula III R**1 NH-CO-CH=CH-COOH R**1 , R**2 and R**3 having the above meanings, and the molar ratios of amine salt to amine and of amine salt to amide acid each being up to 1 : 2.

Abstract (de)

Verwendung von Aminsalzen von Maleinamidsäuren der Formel I <IMAGE> in der R¹ und R² gleich oder verschieden sind und C₈- bis C₁₈-Alkyl- oder Alkenylreste bedeuten und R³ für Wasserstoff, einen C₁- bis C₁₈-Alkyl-oder einen C₂- bis C₁₈-Alkenylrest steht, als Inhibitoren gegen die durch H₂S und CO₂ hervorgerufene Metallkorrosion in Wasser-in-Öl-Emulsionen.

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CPC (source: EP)

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Citation (search report)

- [A] EP 0002780 B1 19801126
- [A] FR 2427400 A1 19791228 - SNAM PROGETTI [IT]
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